



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Vale

Valerie Guralnik et al.

Title:

PRINCIPAL COMPONENT ANALYSIS BASED FAULT CLASSIFICATION

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Examiner:

Aditya S. Bhat

Group Art Unit: 2863

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

- \underline{X} A return postcard.
- \underline{X} An Amendment and Response (10 Pages).
- X A Supplemental Information Disclosure Statement (2 pgs.), Form 1449 (2 pgs.), and copies of 5 cited documents.
- X Authorization to charge to Deposit Account No. 19-0743 in the amount of \$180.00 to cover the Supplemental Information Disclosure fee.

If not provided for in a separate paper filed herewith, Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG & WOESSNER, P.A.

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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this day of December, 2007.

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